

FIG. 1

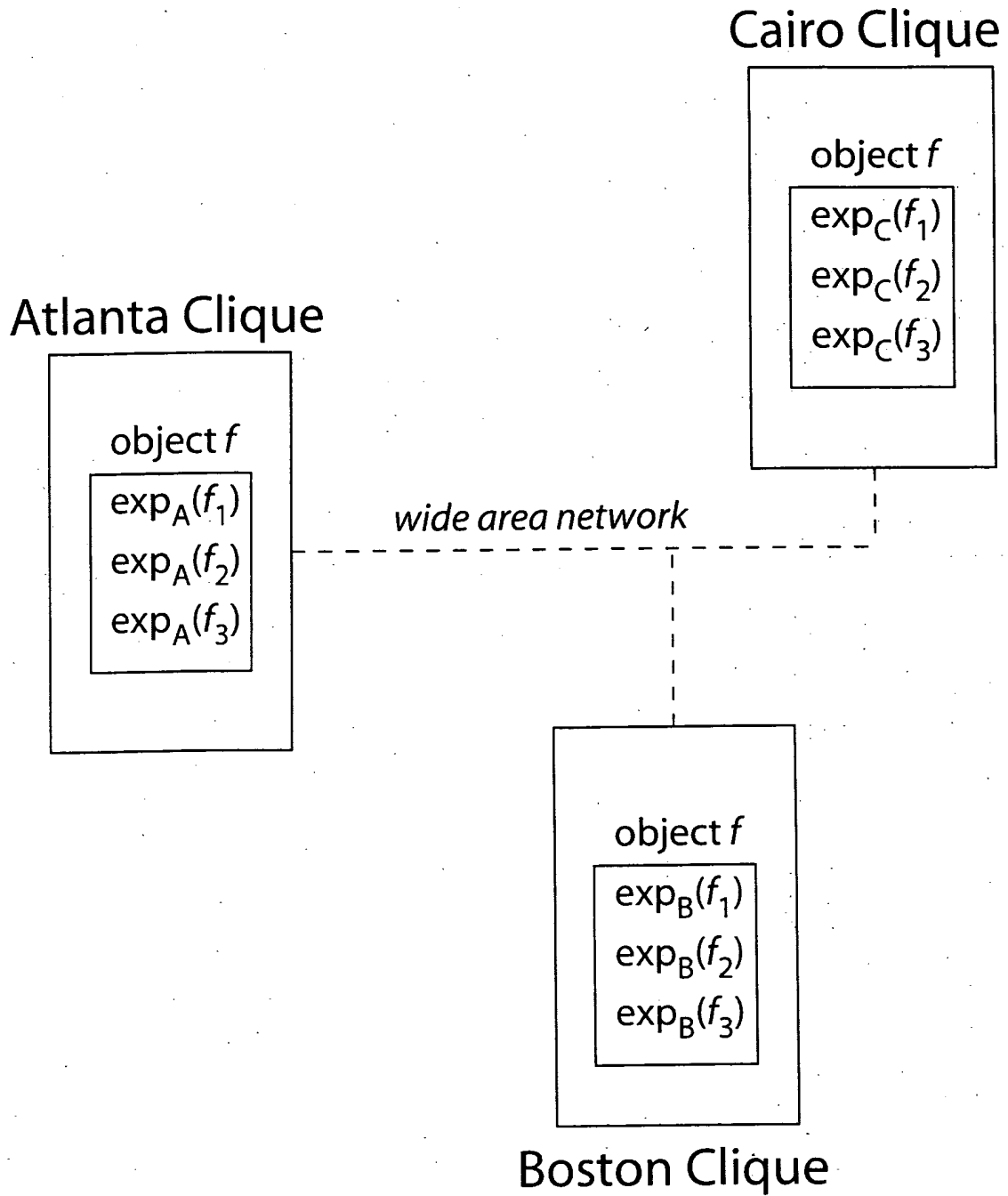


FIG. 2

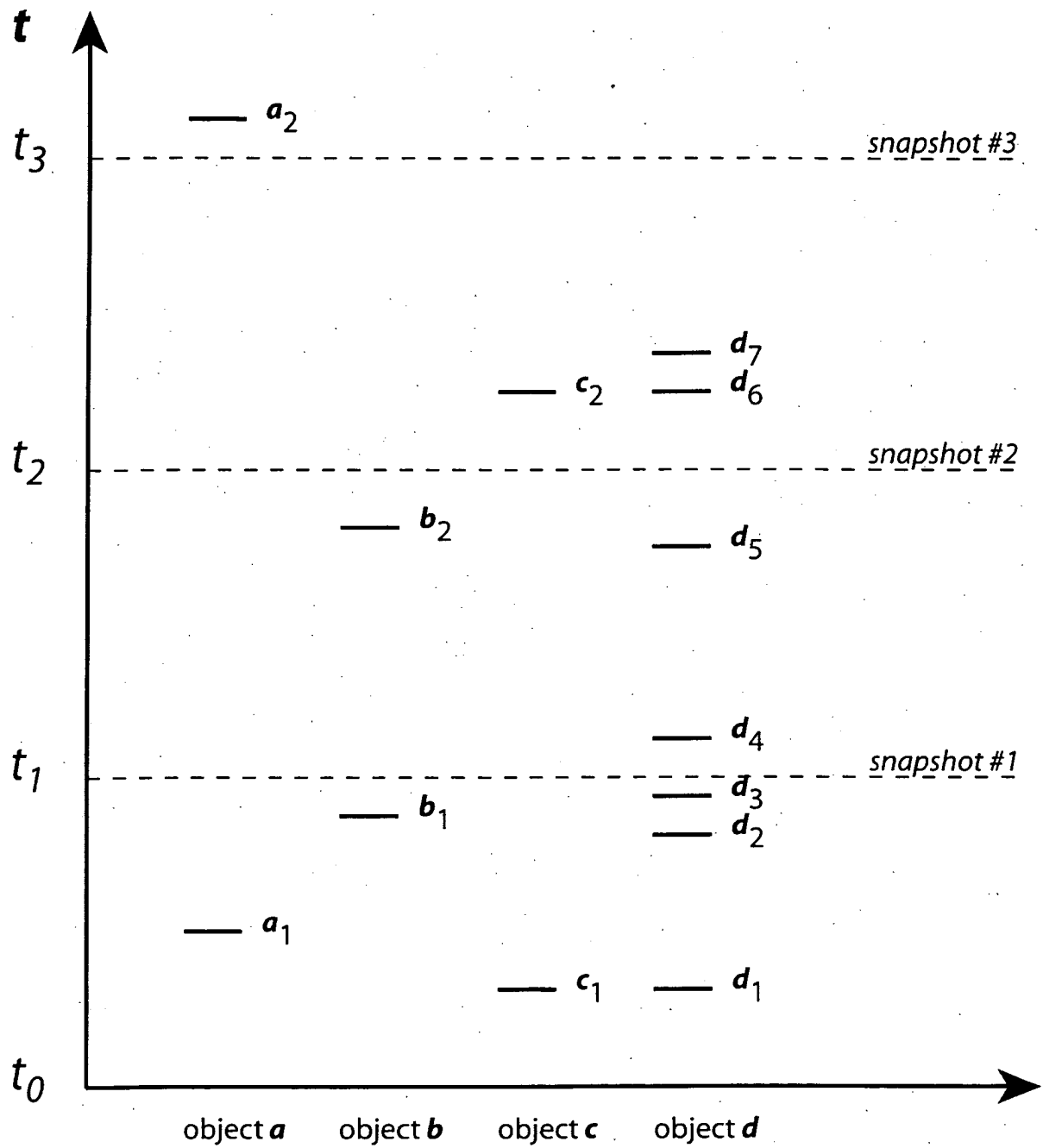


FIG. 3

	<i>event</i>	<i>time specified</i>	<i>no expiry counter</i>	<i>1000 days counter</i>	<i>100 days counter</i>	<i>scheduled expiration</i>
1)	block creation	2003, day 47	0	0	0	2003, day 57
2)	add expiration	2003, day 109	0	0	1	2003, day 147
3)	add expiration	2003, day 140	0	0	2	2003, day 147
4)	add expiration	2004, day 2	0	1	2	2005, day 318
5)	remove expiration	2003, day 109	0	1	1	2005, day 318
6)	add expiration	2007, day 21	1	1	1	no expiration
7)	remove expiration	2007, day 21	0	1	1	2005, day 318
8)	remove expiration	2004, day 2	0	0	1	2003, day 147
9)	becomes current	no expiration	1	0	1	no expiration
10)	current superseded	2003, day 79	0	0	2	2003, day 147
11)	add expiration	2003, day 50	0	0	2	2003, day 147

FIG. 4

Event 3 Reference Message:

```
<policy> deletion requires namespace authorization </policy>
<expiration_time> 2003, day 140 </expiration_time>
<namespace_id> 10723 </namespace_id>
<location_hash> 1172325143219 </location_hash>
```

Event 9 Reference Message:

```
<policy>   if current at hour 0 of week, keep for a month;
           if current at hour 0 of month, keep forever </policy>
<creation_time> 2003, day 49 </creation_time>
<expiration_time> no expiration (current) </expiration_time>
<namespace_id> 21031 </namespace_id>
<location_hash> 2210719210978 </location_hash>
```

After Event 11:

100_day_counter	=	hash(Event 3 Reference Message) + hash(Event 9 Reference Message)
1000_day_counter	=	0
no_expiry_counter	=	0

FIG. 5

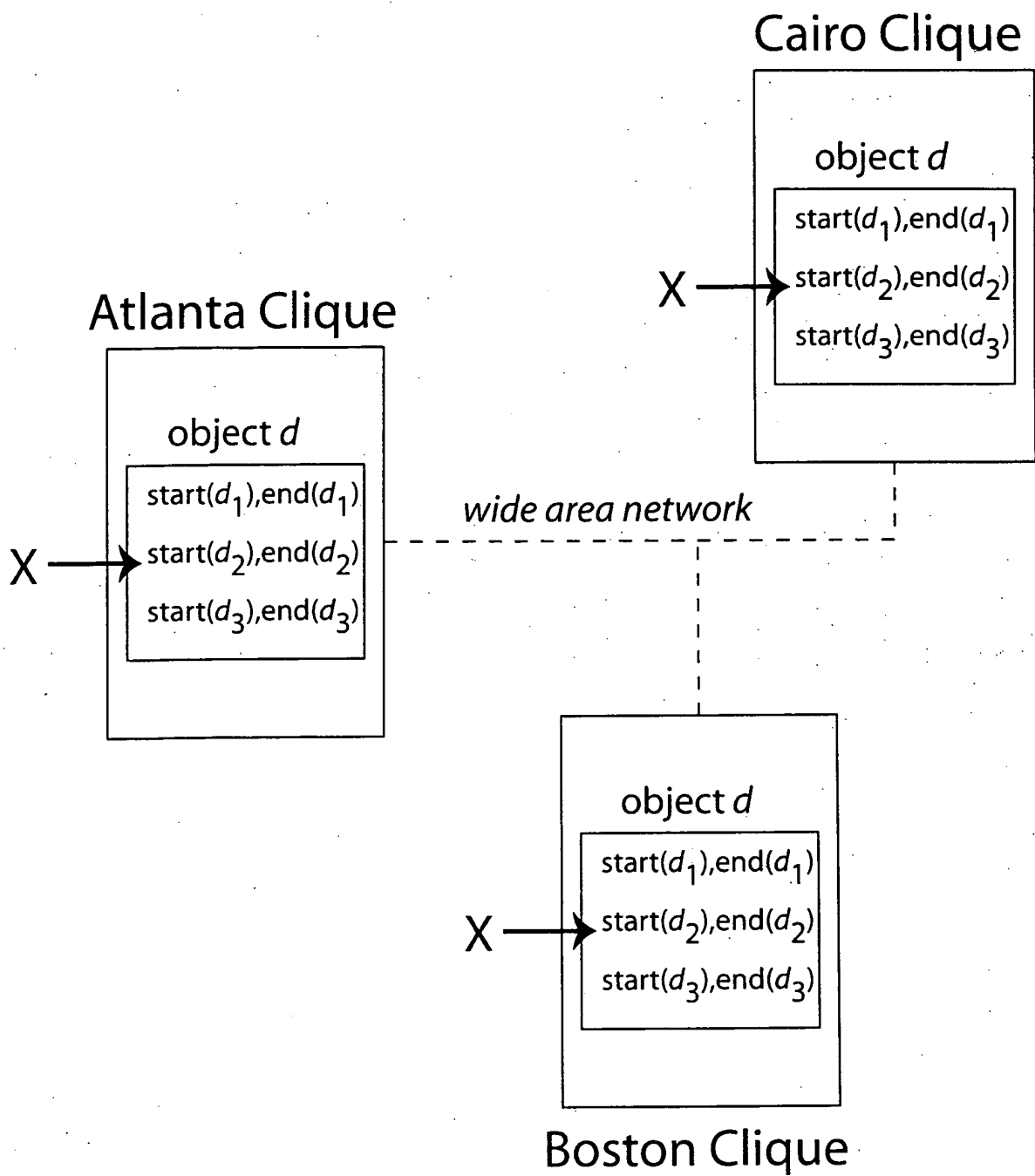


FIG. 6